L Number	Hits	Search Text	DB	Time stamp
1	15	"6024925" and (optic\$4 or microscope)	USPAT;	2003/06/19 08:56
ļ l			US-PGPUB;	
_			DERWENT	
2	6	("6024925" and (optic\$4 or microscope))	USPAT;	2003/06/19 09:08
	1	and "x y z" near4 (cartesian or robot\$4 or	US-PGPUB;	1
3	11	translation) ("6024925" and (optic\$4 or microscope))	DERWENT USPAT;	2003/06/19 09:14
		and ("x y z" or cartesian or robot\$4)	US-PGPUB;	2003/00/13 03:14
		(1) = 1 = 00000000000000000000000000000	DERWENT	
4	10298	microarray or biochip or "dna array" or	USPAT;	2003/06/19 09:13
		"dna chip" or "gene chip" or "gene array"	US-PGPUB;	
		, , , , , , , , , , , , , , , , , , , ,	DERWENT	0000/05/55
6	93	(microarray or biochip or "dna array" or	USPAT;	2003/06/19 09:35
		"dna chip" or "gene chip" or "gene array") and humidity near3 control\$4	US-PGPUB; DERWENT	
7	63	and numidity nears control;4 ((microarray or biochip or "dna array" or	USPAT;	2003/06/19 09:26
		"dna chip" or "gene chip" or "gene array")	US-PGPUB;	
		and humidity near3 control\$4) and ("x y z"	DERWENT	
<u> </u>		or cartesian or robot\$4)		
8	97	(microarray or biochip or "dna array" or	USPAT;	2003/06/19 09:22
		"dna chip" or "gene chip" or "gene array")	US-PGPUB;	
9	64	same humidity	DERWENT USPAT:	2003/06/10 00:00
9	04	((microarray or biochip or "dna array" or "dna chip" or "gene chip" or "gene array")	USPAT; US-PGPUB;	2003/06/19 09:29
		same humidity) and ("x y z" or cartesian	DERWENT	
		or robot\$4)		
10	30	((microarray or biochip or "dna array" or	USPAT;	2003/06/19 09:22
		"dna chip" or "gene chip" or "gene array")	US-PGPUB;	
		and humidity near3 control\$4) not	DERWENT	
		<pre>(((microarray or biochip or "dna array" or "dna chip" or "gene chip" or "gene array")</pre>		
		and humidity near3 control\$4) and ("x y z"		
		or cartesian or robot\$4))		
11	51	(((microarray or biochip or "dna array" or	USPAT;	2003/06/19 09:23
		"dna chip" or "gene chip" or "gene array")	US-PGPUB;	
	-	same humidity) and ("x y z" or cartesian	DERWENT	
	-	or robot\$4)) not (((microarray or biochip		
		or "dna array" or "dna chip" or "gene chip" or "gene array") and humidity near3		
		control\$4) and ("x y z" or cartesian or		
		robot\$4))		
12	81	(((microarray or biochip or "dna array" or	USPAT;	2003/06/19 09:23
		"dna chip" or "gene chip" or "gene array")	US-PGPUB;	
		and humidity near3 control\$4) not	DERWENT	
	ļ	<pre>(((microarray or biochip or "dna array" or "dna chip" or "gene chip" or "gene array")</pre>		
		and humidity near3 control\$4) and ("x y z"		
}	ļ	or cartesian or robot\$4))) or		
		((((microarray or biochip or "dna array"		
		or "dna chip" or "gene chip" or "gene		
		array") same humidity) and ("x y z" or		
ļ		cartesian or robot\$4)) not (((microarray or biochip or "dna array" or "dna chip" or		
	1	"gene chip" or "gene array") and humidity		
	J	near3 control\$4) and ("x y z" or cartesian		
		or robot\$4)))	,	
13	242	(microarray or biochip or "dna array" or	USPAT;	2003/06/19 09:28
		"dna chip" or "gene chip" or "gene array")	US-PGPUB;	
14	7.7	and environment\$2 near3 control\$4	DERWENT	2002/06/10 00 00
+.4	77	((microarray or biochip or "dna array" or "dna chip" or "gene chip" or "gene array")	USPAT; US-PGPUB;	2003/06/19 09:28
		and environment\$2 near3 control\$4) and	DERWENT	
1		environment\$2 same (moist\$4 or humid\$4)	~ II./44 II./ I	
15	43	(((microarray or biochip or "dna array" or	USPAT;	2003/06/19 09:35
		"dna chip" or "gene chip" or "gene array")	US-PGPUB;	
		and environment\$2 near3 control\$4) and	DERWENT	
		environment\$2 same (moist\$4 or humid\$4))		
16	131	and ("x y z" or cartesian or robot\$4) (microarray or biochip or "dna array" or	riconm.	2002/06/10 00:24
	131	"dna chip" or "gene chip" or "gene array")	USPAT; US-PGPUB;	2003/06/19 09:34
1		and ("atomic force microscope" or afm)	DERWENT	
Search His		19/03 9:40:53 AM Dags 1		L—————————————————————————————————————

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C:\APPS\EAST\Workspaces\09929865 and 10126727 robotic apparatus.wsp

17	7	arrayer same humidity near3 control\$4	USPAT;	2003/06/19 09:35
			US-PGPUB; DERWENT	
18	39	((microarray or biochip or "dna array" or	USPAT;	2003/06/19 09:37
		"dna chip" or "gene chip" or "gene array")	US-PGPUB;	
}	1	and ("atomic force microscope" or afm))	DERWENT	ļ
		and ("x y z" or cartesian or robot\$4)		
19	37	(((microarray or biochip or "dna array" or	USPAT;	2003/06/19 09:38
		"dna chip" or "gene chip" or "gene array")	US-PGPUB;	· I
		and ("atomic force microscope" or afm))	DERWENT	
		and ("x y z" or cartesian or robot\$4)) and		
		(humid\$3 or environment\$4)		

L Number	Hits	Search Text	DB	Time stamp
1	0	6087274.pn. and (stepper or motor)	USPAT;	2003/06/19 11:17
		1	US-PGPUB;	
			DERWENT	
2	0	6087274.pn. and (control near3 card)	USPAT;	2003/06/19 11:17
		-	US-PGPUB;	
			DERWENT	
4	12	ozone near8 clean\$4 and (microarray or	USPAT;	2003/06/19 11:22
		biochip or "dna array" or "dna chip" or	US-PGPUB;	
		"gene chip" or "gene array")	DERWENT	
5	0	ozone near8 clean\$4 same "solid support"	USPAT;	2003/06/19 11:23
			US-PGPUB;	
			DERWENT	
3	30	"control card" same ("x y z" or cartesian	USPAT;	2003/06/19 11:28
		or robot\$4)	US-PGPUB;	
			DERWENT	0000/06/10 11 05
6	17	ozone near8 clean\$4 same (pin or tip)	USPAT;	2003/06/19 11:25
			US-PGPUB;	
		, , , , , , , , , , , , , , , , , , ,	DERWENT	0000 (00 (10 11 00
7	54	"control card" same "stepper motor"	USPAT;	2003/06/19 11:28
			US-PGPUB;	
	2.4	(Haratan 2 and Hatanaan mataull) and	DERWENT	2002/06/10 11-20
8	. 34	("control card" same "stepper motor") and	USPAT;	2003/06/19 11:28
		("x y z" or cartesian or robot\$4)	US-PGPUB;	
			DERWENT	

	TT 1 1 .	Coanah Mart	DB	Time stamp
L Number		Search Text "x y z translation"	USPAT;	2003/06/19 06:37
1	169	x y 2 cranstacton	US-PGPUB; DERWENT	2003/00/19 00:37
2	3	"x y z translation" same resolution	USPAT; US-PGPUB; DERWENT	2003/06/19 06:35
4	1	"x y z translation" same nanoscale	USPAT; US-PGPUB; DERWENT	2003/06/19 06:35
5	0	"x y z translation" and "nano scale"	USPAT; US-PGPUB; DERWENT	2003/06/19 06:36
3	18	"x y z translation" same (pin or probe)	USPAT; US-PGPUB; DERWENT	2003/06/19 06:36
6	643	"x y z" near2 (robot\$4 or translation)	USPAT; US-PGPUB; DERWENT	2003/06/19 06:38
7	2389	"x y z" near4 (cartesian or robot\$4 or translation)	USPAT; US-PGPUB; DERWENT	2003/06/19 06:38
8	119	("x y z" near4 (cartesian or robot\$4 or translation)) and (w or y or z) near8 resolution	USPAT; US-PGPUB; DERWENT	2003/06/19 07:04
9	1	(("x y z" near4 (cartesian or robot\$4 or translation)) and (w or y or z) near8 resolution)	USPAT; US-PGPUB; DERWENT	2003/06/19 07:03
10	15	(("x y z" near4 (cartesian or robot\$4 or translation)) and (w or y or z) near8 resolution) and (w or y or z) same (pin or probe)	USPAT; US-PGPUB; DERWENT	2003/06/19 07:27
11 12	72 0	5443791.URPN. (("x y z" near4 (cartesian or robot\$4 or translation)) and (w or y or z) near8	USPAT USPAT; US-PGPUB;	2003/06/19 07:07 2003/06/19 07:07
13	3	resolution) and 5443791.URPN. ("x y z" near2 (robot\$4 or translation)) and 5443791.URPN.	DERWENT USPAT; US-PGPUB; DERWENT	2003/06/19 07:07
14	7	("5312757" "5555767" "5811306" "5856200" "6083762" "6405609" "6484556"):PN.	USPAT	2003/06/19 07:08
15	0	(("5312757" "5555767" "5811306" "5856200" "6083762" "6405609" "6484556").PN.) and (("x y z" near4 (cartesian or robot\$4 or translation)) and (w or y or z) near8 resolution)	USPAT; US-PGPUB; DERWENT	2003/06/19 07:09
16 17	72 4	5443791.URPN. 5443791.URPN. and (w or y or z) same resolution	USPAT USPAT; US-PGPUB;	2003/06/19 07:27 2003/06/19 07:38
18	0	5443791.URPN. and (w or y or z) same nanoscale	DERWENT USPAT; US-PGPUB;	2003/06/19 07:29
19	5	("x y z" near4 (cartesian or robot\$4 or translation)) and "z" near8 "nm"	DERWENT USPAT; US-PGPUB; DERWENT	2003/06/19 07:44
20	0	("x y z" near4 (cartesian or robot\$4 or translation)) and "nano probe"	USPAT; US-PGPUB; DERWENT	2003/06/19 07:38
21	0	("x y z" near4 (cartesian or robot\$4 or translation)) and "nano plotter"	USPAT; US-PGPUB; DERWENT	2003/06/19 07:38
23	0	("x y z" near4 (cartésian or robot\$4 or translation)) and "nanoprobe"	USPAT; US-PGPUB; DERWENT	2003/06/19 07:38
22	1	("x y z" near4 (cartesian or robot\$4 or translation)) and "nanoplotter"	USPAT; US-PGPUB; DERWENT	2003/06/19 07:41
25	46	"3 axis" near3 controller	USPAT; US-PGPUB; DERWENT	2003/06/19 07:44

26	0	"3 axis servo" and (nanoprobe or nanoscale	USPAT;	2003/06/19 07:43
		or "nano probe" or "nano scale")	US-PGPUB;	
			DERWENT	
27	0	("3 axis" near3 controller) and (nanoprobe	USPAT;	2003/06/19 07:44
1		or nanoscale or "nano probe" or "nano	US-PGPUB;	
1		scale")	DERWENT	J
24	7	"3 axis servo"	USPAT;	2003/06/19 07:44
			US-PGPUB;	
			DERWENT	
28	0	("3 axis" near3 controller) and "z" near8	USPAT;	2003/06/19 07:44
		"nm"	US-PGPUB;	
			DERWENT	
29	24	("3 axis" near3 controller) and resolution	USPAT;	2003/06/19 07:45
			US-PGPUB;	
.			DERWENT	
-	1	"6573369"	USPAT;	2003/06/19 06:30
			US-PGPUB;	
			DERWENT	
	0	little.in. and "translation stage"	USPAT;	2003/06/18 15:29
	}		US-PGPUB;	
			DERWENT	1
_	21	little.in. and robot\$4	USPAT;	2003/06/18 15:30
	1		US-PGPUB;	
			DERWENT	